

Appendix B – Forms

Note: Current versions of these forms (downloadable) are available on-line at:
[www.energy.ca.gov/renewables/documents/index.html#rps]

Some of these forms are new or have been revised since the Third Edition of the *RPS Eligibility Guidebook*. These revisions are not necessarily shown in underline/strikeout on the forms in this Committee Draft guidebook because to do so would impact the formatting and render the forms very difficult to read.

Interim Tracking System

- CEC-RPS-TRACK, RPS Procurement and Attestation Form for Retail Sellers
- CEC-RPS-GEN, RPS Generation and Attestation Form for RPS-eligible facilities
- CEC-RPS-DELIVERY, Delivery Verification and Attestation Form for Retail Sellers
- CEC-REO-POU, Reports by Local Publicly Owned Electric Utilities¹

Certification

- CEC-RPS-1A, Application for RPS Certification
- CEC-RPS-1A-S1, Certification Supplement 1 – Biopower
- CEC-RPS-1A-S2, Certification Supplement 2 – Hydroelectric
- CEC-RPS-1A-S3, Certification Supplement 3 – Out-of-State Facilities
- CEC-RPS-1A-S4, Certification Supplement 4 – Distributed Generation
- CEC-RPS-1A-S5, Certification Supplement 5 – Attestations
- CEC-RPS-1B, Application for RPS Pre-Certification
- CEC-RPS-1B-S1, Pre-Certification Supplement 1 – Biopower
- CEC-RPS-1B-S2, Pre-Certification Supplement 2 – Hydroelectric
- CEC-RPS-1B-S3, Pre-Certification Supplement 3 – Out-of-State Facilities
- CEC-RPS-1B-S4, Pre-Certification Supplement 4 – Distributed Generation
- CEC-RPS-1B-S5, Pre-Certification Supplement 5 – Attestations

WREGIS

- WREGIS State/Provincial/Voluntary Compliance Report Attestation Form

¹ Schedules in the CEC-REO-POU report are in the process of being revised, in part due to amendments to the Power Source Disclosure Program regulations. Schedule 1: Renewables and the Attestation are provided in this version of the guidebook. Schedule 2: Renewables for Resource Adequacy, Schedule 3: Non-Renewables, Schedule 4: Fuel Mix Aggregate and Schedule 5: SB 1 Solar Program Status Report, are not directly applicable to the RPS program and are not included at this time. When the schedules are finalized, the CEC-REO-POU form will be included in its entirety in this guidebook.

(TO BE COMPLETED BY RETAIL SELLERS)
REPORT to the CALIFORNIA ENERGY COMMISSION
Procurement of
Renewable Energy by Retail Sellers

GENERAL INSTRUCTIONS

Please enter your company's name, CPUC registration number as filed with the California Public Utilities Commission, or CEC identification number (if applicable).

Company Name	
CPUC Reg # (if applicable)	
CEC Reg # (if applicable)	
Calendar Year Covered in this Report	

PLEASE ENABLE MACROS FOR THE FORMS TO WORK PROPERLY. Fill out Schedules 1 and 2 and verify that only RPS-eligible procurement which has not been reported in WREGIS is included on the forms. E-mail the completed file to the address shown below. Then print out the file, sign the attestation as appropriate, and mail the package to the address shown below:

California Energy Commission
e-mail: RPSTrack@energy.state.ca.us
Renewable Energy Program
Attn: Interim Tracking
California Energy Commission
1516 9th Street, MS-45
Sacramento, CA 95814-5512

Responses to this request are due on June 1st of Each Year.

SCHEDULE 2: TO BE COMPLETED BY RETAIL SELLERS
Report to the California Energy Commission
Procurement of Renewable Energy Generation from RPS Certified Facilities

INSTRUCTIONS: Enter monthly procurement from all RPS-certified facilities. Please only include data for months where the facility was not yet registered in WREGIS. If you need additional rows, please click on the "Insert Row" button on Schedule 1. The field labeled "Total Certified Renewables Included on CEC-RPS-Track form (kWh)" will be automatically populated with the sum of all entries in the "Annual Procurement in kWh" field. Please complete the field labeled "Total Certified Renewables Included on WREGIS Report form (kWh)." The field labeled "Sum of Total Certified Renewables Included on CEC-RPS-Track form and WREGIS Report form (kWh)" will be automatically populated. Please complete the field labeled "Total Annual Retail Sales in kWh" to indicate the base of retail sales against which the renewable energy purchases will be compared.

[illegible]

² If this value differs from utility FERC Form 1 filing for this year, please detail the discrepancy in a footnote.

(TO BE COMPLETED BY RETAIL SELLERS)
Report to the California Energy Commission
Procurement of Renewable Energy Generation from RPS Certified
Facilities
ATTESTATION FORM

I, (print name and title) _____, declare under penalty of perjury that the statements contained in Schedules 1 and 2, any supporting documentation and all other attachments, are true and correct and that I, as an authorized agent of (print name of company) _____, have authority to submit this report on the company's behalf.

I further declare that the amount of procurement as shown in Schedules 1 and 2, any supporting documentation and all other attachments, are to the best of my knowledge sold once and only once to retail consumers. I further declare that the renewable electricity and associated Renewable Energy Credits used for RPS compliance have not otherwise been, nor will be, sold, retired, claimed, or represented as part of electrical energy output or sales, or used to satisfy obligations or claims in any other jurisdiction, renewable energy program or voluntary program that would represent a double claim, and that they are being used for no other reason than to comply with California's Renewables Portfolio Standard.

I understand that the Energy Commission retains discretion to revise the results and findings of its verification efforts in order to correct data that are inaccurate, false, or misleading.

To count generation from out-of-state facilities for purposes of RPS compliance, the facility must enter a power purchase agreement with the retail seller or procurement entity and electricity must be delivered to an in-state market hub (also referred to as "zone") or in-state point of delivery (also referred to as "node") located within California. The requirements of the foregoing sentence do not apply to retail sellers subject to Public Utilities Code Section 399.17.

Signed: _____

Dated: _____

Executed at: _____

CONTACT INFORMATION

Name _____

Title _____

Company Name _____

Address _____

City, State, Zip _____

Phone _____

Fax _____

E-mail _____

(TO BE COMPLETED BY GENERATORS)
REPORT to the CALIFORNIA ENERGY COMMISSION
Report of Generation for California RPS Certified Facilities

GENERAL INSTRUCTIONS

Please enter the following information:

Name of Company Preparing Form	
Name of Individual Completing Form	
Calendar Year Covered in this Report	

PLEASE ENABLE MACROS IN ORDER FOR THE FORMS TO WORK PROPERLY. Generating facilities that were certified by an Investor-Owned Utility on their behalf are not required to complete Schedules 3 and 4. However generators that certified on their own behalf are required to complete Schedules 3 and 4. This form may be used to enter information for any number of generating facilities. Complete Schedules 3 and 4 and e-mail the completed file to the address shown below. Then print out the file, sign the attestation as appropriate, and mail the package to the address shown below:

California Energy Commission
e-mail: RPSTrack@energy.state.ca.us
Renewable Energy Program
Attn: Interim Tracking
California Energy Commission
1516 9th Street, MS-45
Sacramento, CA 95814-5512

Responses to this request are due on June 1st of Each Year.

PLEASE NOTE: The Energy Commission reserves the right to ask for supplemental documentation to this filing including utility statements provided to the individual generators.

Schedule 3: TO BE COMPLETED BY GENERATORS
Report to the California Energy Commission

INSTRUCTIONS: Please list the generating facilities for which certified RPS generation will be reported on this form. Please enter the requested information for each generating unit. Do not enter information into the shaded cells. **To expedite the processing of this form, please list as many of the generating units' identification numbers as possible.** If you need additional rows, click the "Insert Row" button above.

[illegible]

¹ Please enter the California Energy Commission RPS Certification number for the facility, REQUIRED.

² Please enter the Energy Information Administration identification number for the generating facility, if available.

³ Please enter the California Energy Commission's Plant ID number, if applicable.

⁴ Please enter the ISO Meter ID Number for the facility, if available.

⁵ Please enter the ISO Resource ID Number for the facility, if available.

⁶ Please enter the Qualifying Facility ID Number for the facility, if available.

⁷ Please enter the NERC ID number if the facility is located out-of-state, **REQUIRED**. This requirement does not apply if the facility exclusively sells to retail sellers subject to Public Utilities Code Section 399.17.

⁸ Please enter an alternative facility identifier such as a FERC number or if the facility does not have any of the identification numbers in the previous columns. Please describe the "Other Facility Identifier" in footnote a below.

Schedule 4: TO BE COMPLETED BY GENERATORS
Report to the California Energy Commission

Please list the monthly IOU or third party verified meter reads of generation for each generating facility. If you need additional rows, please click the "Insert Row" button above.

[illegible]

(TO BE COMPLETED BY GENERATORS)
REPORT to the CALIFORNIA ENERGY COMMISSION
Report of Generation for California RPS Certified Facilities
ATTESTATION FORM

I (print name and title) _____ declare under penalty of perjury that the following is true and correct to the best of my knowledge:

- 1) I am an authorize agent of (print name of company) _____ and have authority to submit this report on the company's behalf;
- 2) The information and data provided in this report, including information provided in Schedules 3 and 4, is correct and is submitted for use to verify generation and procurement requirements pursuant to the California Renewables Portfolio Standard;
- 3) The kilowatt-hours of electricity generation in Schedule 4 of this report have been sold once and only once by the generator signing this attestation;
- 4) To the best of my knowledge, none of the renewable electricity identified in Schedules 3 or 4 of this report, nor any of the Renewable Energy Certificates associated with this renewable electricity, has been or will be used, sold, retired, claimed, or represented as part of electrical energy output or sales to satisfy renewable procurement obligations in jurisdictions other than California;
- 5) To count generation from out-of-state facilities for purposes of RPS compliance, the facility must enter a power purchase agreement with the retail seller or procurement entity and electricity must be delivered to an in-state market hub (also referred to as "zone") or in-state point of delivery (also referred to as "node") located within California. The requirements of the foregoing sentence does not apply to retail sellers subject to Public Utilities Code Section 399.17.

Signed: _____

Dated: _____

Executed at: _____

CONTACT INFORMATION
(FOR PREPARER OF THIS REPORT)

Name

Title

Company Name

Address

City, State, Zip

Phone

Fax

E-mail

(TO BE COMPLETED BY RETAIL SELLERS)
REPORT to the CALIFORNIA ENERGY COMMISSION
Energy Delivery Information Not Available in WREGIS

GENERAL INSTRUCTIONS

Company Name	
Calendar Year Covered in this Report	

PLEASE ENABLE MACROS FOR THE FORMS TO WORK PROPERLY. Fill out Schedules 1 and 2 and e-mail the complete document to the address shown below. Then print out the document, sign the attestation as appropriate, and mail the package to the address shown below:

California Energy Commission
e-mail: RPSTrack@energy.state.ca.us
Renewable Energy Program
Attn: Interim Tracking
California Energy Commission
1516 9th Street, MS-45
Sacramento, CA 95814-5512

Responses to this request are due on June 1st of Each Year.

Schedule 1: TO BE COMPLETED BY RETAIL SELLERS
Report to the California Energy Commission
Energy Delivery Information Not Available in WREGIS

INSTRUCTIONS: Please list the generating facilities from which energy was delivered into California, but the NERC E-tag information was not available in WREGIS for the year covered in this report. Please enter the requested information for each generating unit. Do not enter information into the shaded cells. **To expedite the processing of this form, please list as many of the generating units' identification numbers as possible.** If you need additional rows, please click on the "Insert Row" button

[illegible]

¹ Please enter the California Energy Commission RPS Certification number for the generating facility.

² Please enter the Western Renewable Energy Generation Information System identification number for the generating facility, if applicable.

³ Please enter the Energy Information Administration identification number for the generating facility, if available.

⁴ Please enter the North American Electric Reliability Corporation identification number if the facility is located out-of-state.

⁵ Please enter the Federal Energy Regulatory Commission identification number, if available.

⁶ Please enter the Purchasing-Selling Entity code for the entity responsible for delivery of the power into California.

⁷ Please enter the source point on the electrical system where the power was received from a power supplier or wheeling entity.

⁸ Please enter the sink point on the electrical system where the power is delivered into California.

SCHEDULE 2: TO BE COMPLETED BY RETAIL SELLERS
Report to the California Energy Commission
Energy Delivery Information Not Available in WREGIS

INSTRUCTIONS: Please enter the requested information, by month, for each generating unit. Information in the shaded cells will be filled in or carried over automatically. Additional rows will also be carried over from Schedule 1.

[illegible]

(TO BE COMPLETED BY RETAIL SELLERS)
Report to the California Energy Commission
Energy Delivery Information Not Available in WREGIS
ATTESTATION FORM

I, (print name and title) _____, declare under penalty of perjury that the statements contained in Schedules 1 and 2, and in WREGIS Compliance Reports and attachments, as appropriate, are true and correct and that I, as an authorized agent of (print name of company) _____, have authority to submit this report on the company's behalf. I further declare that the amounts claimed as energy deliveries as shown in Schedules 1 and 2, meet the Energy Commission's RPS energy delivery requirements.. The energy delivered reported for RPS compliance has not been delivered elsewhere or used to satisfy obligations in jurisdictions other than California, and have not been used for reasons other than to comply with California's Renewables Portfolio Standard.

To count procurement from out-of-state facilities for purposes of RPS compliance, the facility must enter a power purchase agreement with the retail seller or procurement entity and electricity must be delivered to an in-state market hub (also referred to as "zone") or in-state point of delivery (also referred to as "node") located within California. The requirements of the foregoing sentence do not apply to retail sellers subject to Public Utilities Code Section 399.17.

Signed: _____

Dated: _____

Executed at: _____

CONTACT INFORMATION

Name

Title

Company Name

Address

City, State, Zip

Phone

Fax

California Energy Commission POU Reporting Spreadsheet

GENERAL INSTRUCTIONS

Utility Name	
Calendar Year Covered in this Report	
Form Completion Date	

This reporting form has been created to replace prior data collection forms, including data requested and/or collected for the Power Source Disclosure Program (SB 1305/AB 162 Annual Report Form), the RPS Program (CEC-RPS-POU Form and POU Contract Database), and the SB 1 Solar Program Status Report. This form will additionally serve to supplement biannual data collection for AB 380, in years that data is not submitted to the California Energy Commission's Electricity Analysis Office. The color scheme below refers to the various colors used in Schedules 1-5 and their associated mandates or requests.

Schedules 1 and 3: Please complete annually and submit via e-mail to RPSTrack@energy.state.ca.us. Additionally, please print out the file, sign the attestation, and mail to the address below.

Schedule 2: Please complete biannually (every other year) during even-numbered years and submit with Schedules 1 and 3.

Schedule 4: This Schedule will be automatically populated with data from Schedules 1 & 3.

Schedule 5: Please complete annually and submit via e-mail to renewable@energy.state.ca.us. Schedule 5 is due on June 1 of each year, for previous year reporting.

California Energy Commission
e-mail: RPSTrack@energy.state.ca.us
Renewable Energy Program
California Energy Commission
1516 Ninth Street, MS-45
Sacramento, CA 95814-5512

Responses to this request are due on June 1 of each year.

For Schedules 1-4, please direct questions to Lorraine Gonzalez at (916) 654-3842 or lgonzale@energy.state.ca.us.

For Schedule 5, please direct questions to Sherrill Neidich at (916) 651-1463 or sneidich@energy.state.ca.us.

NOTE: Information submitted in this report is not automatically held confidential. If your company wishes the information you submit to be held in confidence, it will be necessary to submit an application for confidentiality.

Color scheme:

Orange:	Mandated by AB 162 for the Power Source Disclosure Program
Purple:	Mandated by SB 107
Green:	Mandated by AB 380 and collected by the Renewable Energy Office biannually
Blue:	Data collected for the Energy Commission POU Contracts Database
Tan:	Mandated by Senate Bill 1 and collected by the Renewable Energy Office annually
White:	Data requested on a voluntary basis by the Renewable Energy Office
Red:	Data to be filled out by Utility unless Utility prefers the Energy Commission to fill out

Prepared by:

Renewable Energy Office
California Energy Commission
1516 Ninth Street MS-45
Sacramento, CA 95814

Phone: 916-654-3842

Last Updated October 2010

Reporting Year Covering Jan 1, 2010 to Dec 31, 2010 (Tentative)
Date Completed: June 1, 2011 (Tentative)

INSTRUCTIONS: Please list all facilities which were online for the reporting year listed above. Please enter applicable corresponding information for each facility. To expedite the processing of this form, please list all known identification numbers. If you need additional rows, please click on the "Insert Row" button above. This tab includes information collected on Schedules 1 and 2A of the Annual Report to the Power Source Disclosure Program form.

[illegible]

RPS Goal (Target %/Target Year)	
Projected Retail Sales for RPS Target Year (MWh)	
Total Retail Sales for Prior Calendar Year (MWh)	
Total Actual Procurement (Renewable and Non-Renewable) for the Year Reported (MWh)	
Total POU Eligible Renewable Procurement for the Year Reported (MWh)	
Amount of Procured Energy from Hydro Facilities > 30 MW Counted as Renewable (MWh)	
Unbundled RECs for RPS? If so, amount procured (MWh)	
Other Renewable Claims and Purchases from non-CEC Eligible Technologies (MWh)	
Total CEC Eligible Renewable Procurement for the Year Reported (MWh)*	

3 Select type of renewable technology from the drop-down options. If other, please spe

4 Select the primary fuel used from the drop-down options. If other, please specify in the Comments section. For multi-fuel facilities, also select from the secondary fuel type column.

6 Indicate the first date that electricity was sold under this contract.

7 State the final delivery date of the product(s) being purchased under the contract/agreement.

8 Enter the total nameplate capacity of the facility.

* The amount in Total CEC Eligible Renewable Procurement for the Year Reported (MWh) should equal the amount in Total POU Eligible Renewable Procurement for the Year Reported (MWh), minus any amounts in Amount of Procured Energy from Hydro Facilities > 30 MW Counted as Renewable (MWh), Unbundled RECs for RPS, or Other Renewable Claims and Purchases from non-CEC Eligible Technologies (MWh).

Renewables Schedule 1

Reporting Year Covering Jan 1, 2010 to Dec 31, 2010 (Tentative)
Date Completed: June 1, 2011 (Tentative)

Date Completed: June 1, 2011 (Tentative)

INSTRUCTIONS: Please list all facilities which were online for the reporting year listed above. Please enter applicable corresponding information for each facility. To expedite the processing of this form, please list all known identification numbers. If you need additional rows, please click on the "Insert Row" button above. This tab includes information collected on Schedules 1 and 2A of the Annual Report to the Power Source Disclosure Program form.

[illegible]

10 Enter the California Energy Comission's Plant ID number, if applicable.

11 Enter the Western Renewable Energy Generation Information System ID number, if applicable. Please note, this information is essential to staff's ability to verify claims.

13 Enter the Energy Information Administration identification number for the generating facility, if available.

15 Indicate estimated purchases or utility owned generation under this contract for the year following the current calendar year

California Energy Commission POU Reporting Spreadsheet ATTESTATION FORM

I, (print name and title) _____,

declare under penalty of perjury that the statements contained in the Applicable Schedules submitted to the California Energy Commission are true and correct and that

I, as an authorized agent of (print name of company) _____,

have authority to submit this report on the company's behalf.

I further declare that the kilowatt-hours claimed as actual purchases in Schedules 1 and 3 are, to the best of my knowledge, claimed once and only once by any party.

I understand that the Energy Commission reserves the right to request supplemental documentation to this filing for purposes of verification.

Signed: _____

Dated: _____

Executed at: _____

CONTACT INFORMATION

Name: _____

Title: _____

Company Name: _____

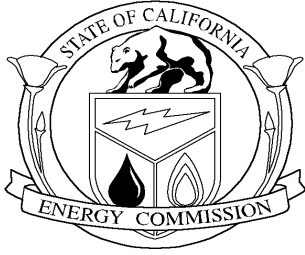
Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

E-mail: _____



CEC-RPS-1A

Application for Certification

California Renewables Portfolio Standard Program

Please refer to the RPS Eligibility Guidebook and the Overall Program Guidebook for additional information for completing this form.

—All information on this form and on any attachments is subject to public disclosure—

Section I: Type of Certification Requested

1. Choose One	<input type="checkbox"/> Certification	<input type="checkbox"/> Amendmend Certification	<input type="checkbox"/> Certification of a Pre-Certified Facility
	If this is an amendment or the certification of a pre-certified facility: Date of original certification or pre-certification: _____ Original RPS ID number: _____		

Section II: Applicant Information

2. Applicant Information

Name of Applicant:	Title:
Applicant Phone:	Fax:
E-Mail (for all correspondence):	
Person completing the form if different from Applicant:	

3. Company Information

Company Name:			
Company Address:			
City:	State:	Zip:	Country:

Section III: Facility Information

4. Facility Owner

Name of Owner:			
Owner Address:			
City:	State:	Zip:	Country:
Phone:	Fax:		
E-Mail:			
State or Province in which facility owner/company is incorporated:			

5. Facility Location		
Name of Facility: _____		
Please specify any additional names this facility is or has been known by, including names the facility has used in the past, if known: _____		
Location (street address, legal description, or GPS coordinates): _____		
City: _____	County: _____	
State: _____	Zip: _____	Country: _____
Facility Phone: _____	Fax: _____	E-Mail (for all correspondence): _____
Facility Operations		
6. Provide the nameplate capacity of the facility (in megawatts, AC): _____		
7. Select the Balancing Authority operator for the facility: <input type="checkbox"/> CA ISO <input type="checkbox"/> Other (<i>specify</i>): _____		
8. Is the facility's first point of interconnection to the WECC transmission system located within California?		
<p>▶ Provide the WECC interconnection substation location:</p> <p><input type="checkbox"/> Yes. Facility is considered an in-state facility for purposes of RPS eligibility.</p> <p><input type="checkbox"/> No. Either facility is located out-of-state and is <u>not</u> subject to California Public Utilities Code Section 399.17, or the facility <u>is</u> subject to PUC Section 399.17 but its generation is intended to be counted toward another retail seller's California RPS obligations.</p> <p>▶ Complete CEC-RPS-1A:S3 and submit additional required information for Out-of-State Facilities.</p> <p><input type="checkbox"/> Other. Facility is located out-of-state BUT the generation is exclusively used by a multi-jurisdictional retail seller with 60,000 or fewer customer accounts in California under PUC Section 399.17. (<i>Out-of-state delivery requirements do not apply to these facilities.</i>)</p> <p>▶ Specify the multi-jurisdictional retail seller procuring the generation: _____</p>		
9. Choose One	<input type="checkbox"/> Prior operating facility. Facility commenced commercial operations before January 1, 2005*	
	▶ Specify date: _____	
	<input type="checkbox"/> New facility. Facility commenced commercial operations on or after January 1, 2005.*	
	▶ Specify date: _____	
	<input type="checkbox"/> Repowered facility. Facility was repowered or re-entered commercial operations after January 1, 2005.*	
	▶ Specify date: _____	
	▶ Repowered facilities must provide documentation confirming the replacement of the facility's prime generating equipment and the capital investments made to repower the facility as well as the value of those investments as described in the "Instructions for Additional Required Information for Repowered Facilities" in the RPS Guidebook.	
	▶ Select method used to demonstrate compliance with the 80 percent threshold:	
	<input type="checkbox"/> Tax Records Methodology <input type="checkbox"/> Replacement Value Methodology	
* <i>Exceptions for these online dates are small hydroelectric and small conduit hydroelectric facilities that began commercial operations or were repowered on or after January 1, 2006.</i>		
10. Choose One	<input type="checkbox"/> Facility is a central station facility.	
	<input type="checkbox"/> Facility is a distributed generation facility serving on-site load. ▶ Complete CEC-RPS-1A:S4	
11. Facility Identification Numbers		
California Energy Commission:	Renewable Energy Program # _____	CEC-Other#: _____
State of California:	CA ISO Resource ID: _____	
Federal:	QF ID or Self-Certification Docket #: _____	
Energy Information Administration Numbers: <input type="checkbox"/> The facility is on an existing EIA list <input type="checkbox"/> The facility is on a proposed EIA list		
Utility Code: _____	Plant Code: _____	

WECC:	WREGIS GU ID (required):	
Other (Please explain):		
Section IV: Facility Fuel and Technology Type		
<p>12. Indicate energy source used by the facility. For multi-fuel facilities, indicate all energy sources used. For facilities using biodiesel, fuel cell, or RPS-eligible gas injected into a natural gas pipeline, please select only the fuel type used for electrical generation, complete the specified form, and provide the additional required information as applicable.</p>		
<input type="checkbox"/> Biodiesel ▶ Complete CEC-RPS-1A:S1 and S5 <input type="checkbox"/> Biomass ▶ Complete CEC-RPS-1A:S1 and S5 <input type="checkbox"/> Conduit Hydroelectric ▶ Complete CEC-RPS-1A:S2 <input type="checkbox"/> Digester Gas ▶ Complete CEC-RPS-1A:S1 and S5 <input type="checkbox"/> Fuel Cell Using Renewable Fuel ▶ Complete CEC-RPS-1A:S1 and S5 <input type="checkbox"/> Geothermal	<input type="checkbox"/> Incremental Hydroelectric ▶ Complete CEC-RPS-1A:S2 <input type="checkbox"/> Landfill Gas ▶ Complete CEC-RPS-1A:S1 and S5 <input type="checkbox"/> Municipal Solid Waste, Combustion ▶ Complete CEC-RPS-1A:S1 <input type="checkbox"/> Municipal Solid Waste, Conversion ▶ Complete CEC-RPS-1A:S1 <input type="checkbox"/> Ocean Wave <input type="checkbox"/> Ocean Thermal	<input type="checkbox"/> Photovoltaic <input type="checkbox"/> Pipeline Biomethane ▶ Complete CEC-RPS-1A:S1 and S5 <input type="checkbox"/> Small Hydroelectric ▶ Complete CEC-RPS-1A:S2 <input type="checkbox"/> Solar Thermal Electric <input type="checkbox"/> Tidal Current <input type="checkbox"/> Wind
<p>13. Does the facility use any fossil fuel or other nonrenewable fuel? <input type="checkbox"/> Yes * <input type="checkbox"/> No</p> <p>*If Yes, specify the type and the average amount of all fossil, or other nonrenewable, fuel used annually on a total energy input basis for the calendar year immediately before the date of application (if this is the first year of operation, estimate fuel use):</p> <p> ▶ Type of fossil fuel or other nonrenewable fuel:</p> <p> ▶ Average annual percentage for prior calendar year (or estimate):</p> <p>Please indicate which of the measurement methodologies described in the RPS guidebook will be implemented by the facility to account for the contribution of each energy input or fuels to the generation:</p> <p><input type="checkbox"/> Combustion technologies and fuel cell technologies</p> <p><input type="checkbox"/> Non-combustion, thermal technologies, option 1</p> <p><input type="checkbox"/> Non-combustion, thermal technologies, option 2</p> <p>Non-thermal electric generating technologies (except fuel cell technologies)</p> <p><input type="checkbox"/> Alternative measurement methodology has been attached along with an explanation as to why the method is superior to the methods provided in the <i>RPS Eligibility Guidebook</i>, including why it is the most appropriate method for this facility.</p>		
<p>14. Was the facility developed and awarded a power purchase contract under a 2002-2003 Interim RPS Procurement solicitation approved by the CPUC under Decision 02-08-071 and Decision 02-10-062?</p> <p><input type="checkbox"/> Yes (If Yes, facility may use up to 25% fossil fuel and count 100% of the electricity generated as RPS-eligible.)</p> <p><input type="checkbox"/> No (If No, facility is subject to the de minimis fossil fuel requirement.)</p>		
<p>15. Is the facility currently certified as a <u>renewable</u> Qualifying Small Power Production Facility (QF) under the federal Public Utilities Regulatory Policies Act of 1978 (PURPA)?</p> <p><input type="checkbox"/> Yes ▶ Original certification date:</p> <p><input type="checkbox"/> No (If No, facility is subject to the de minimis fossil fuel requirement.)</p> <p>(If Yes, and facility was certified as a renewable QF that commenced commercial operations before January 1, 2002, facility may use up to 25% fossil fuel and count 100% of the electricity generated as RPS-eligible.)</p>		

Section V: General Information

The Energy Commission reserves the right to request additional information to confirm or clarify information provided in this application including any attachments. If a representative of a certified facility does not respond to the Energy Commission's request for an information update in a timely manner, the facility is at risk of losing its certification status.

The Energy Commission's Accounting Office or its authorized agents, along with Energy Commission technical staff, may audit any applicant to verify the accuracy of any information included as part of an application for RPS certification, under the *Overall Program Guidebook for the Renewable Energy Program*. As part of an audit, an applicant may be required to provide the Accounting Office or its authorized agents with any and all information and records necessary to verify the accuracy of any information included in the awardee's applications, invoices, or reports. An applicant may also be required to open its business records for on-site inspection and audit by the Accounting Office or its authorized agents for purposes of verifying the accuracy of any information included in the applicant's applications, invoices, and reports.

Representatives of certified facilities must notify the Energy Commission promptly of any changes in information previously submitted to the Energy Commission. Failure to do so may result in revocation of certification status. Any changes affecting the facility's certification status must be reported on an amended CEC-RPS-1A form. If there are any changes to the status of a facility's certification, the new information will be posted on the Energy Commission's website.

Section VI: Attestation

I am an authorized officer or agent of the above-noted facility owner or a retail seller contracting with the above noted facility owner and with authority to submit this application on the facility owner's behalf, and hereby submit this application on behalf of said facility owner for certification of the facility as a renewable facility eligible for California's RPS. I have read the above information as well as the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook for the Renewable Energy Program*, and understand the provisions, eligibility criteria, and requirements of these guidebooks and my responsibilities. I acknowledge that the receipt of any certification approval from the Energy Commission is conditioned on the facility owner's acceptance and satisfaction of all program requirements as set forth in the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook for the Renewable Energy Program*. I declare under penalty of perjury that the information provided in this application and any supplemental forms and attachments is true and correct to the best of my knowledge and that I am authorized to submit this application on the facility owner's behalf.

Name of Facility:

Authorized Officer/Agent:

Officer Title:

Signature: _____

Date Signed:

☐ The Following are Attached:

REMINDER: Some facilities have further submission requirements outlined below; refer to the RPS Eligibility Guidebook for details.

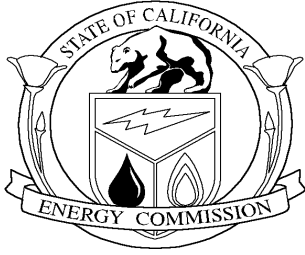
Technology/Characteristic	Additional Required Information	Supplemental Form
Biodiesel, Biomass, Digester Gas, Fuel Cells Using Renewable Fuel, Landfill Gas, MSW Combustion, MSW Conversion, and Pipeline Biomethane	Yes	CEC-RPS-1A:S1
Hydroelectric	Yes	CEC-RPS-1A:S2
Out of State	Yes	CEC-RPS-1A:S3
Distributed Generation	Yes	CEC-RPS-1A:S4
Biodiesel, Biomass, Digester Gas, Fuel Cells Using Renewable Fuel, Landfill Gas, and Pipeline Biomethane	Yes	CEC-RPS-1A:S5
Repowered	Yes	N/A

SUBMIT:

1. Completed and signed CEC-RPS 1A/B form
2. Applicable supplemental forms
3. Applicable additional required information
4. Other, please specify:

TO: California Energy Commission
Attn: RPS Certification
1516 Ninth Street, MS-45
Sacramento, CA 95814

And via email to: RPSTrack@energy.state.ca.us



CEC-RPS-1A:S1

Certification Supplement 1 - Biopower

California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person completing the form if different from Applicant:

Section II: Facility Information

Name of Facility:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

Section III: Specific Fuel Type

1. Indicate fuel type and complete specified sections. Check all that apply.

<input type="checkbox"/> Biodiesel derived from Biomass ► Complete Section VI	<input type="checkbox"/> Digester Gas ► Complete Section V	<input type="checkbox"/> MSW Combustion ► Complete Section VII
<input type="checkbox"/> Biodiesel derived from MSW Conversion ► Complete Section VIII	<input type="checkbox"/> Fuel Cell Using Renewable Fuels ► Complete Section IV	<input type="checkbox"/> MSW Conversion ► Complete Section VIII
<input type="checkbox"/> Biomass ► Complete Section VI	<input type="checkbox"/> Landfill Gas ► Complete Section V	<input type="checkbox"/> Pipeline Biomethane (Biomethane) ► Complete Section V

Section IV: Supplemental Questions for Fuel Cells

2. Please specify the source of fuel used in the fuel cell.

Choose the Source of the Fuel Used in the Fuel Cell	<input type="checkbox"/> Onsite Biogas. ► Complete Section V
	<input type="checkbox"/> Delivered Biogas or Pipeline Biomethane ► Complete Section V
	<input type="checkbox"/> Hydrogen derived from water, produced onsite, and converted using renewable power.
	<input type="checkbox"/> Hydrogen purchased from a hydrogen supplier
	<input type="checkbox"/> Other non-fossil fuel or Feedstock. Please specify:

3. Is electricity used in the process to produce the hydrogen or hydrogen-rich gas? <input type="checkbox"/> Yes, specify below. <input type="checkbox"/> No	
Source(s) of Electricity	<input type="checkbox"/> Onsite RPS eligible renewable electricity generation ▶ Specify technology: _____ <input type="checkbox"/> Offsite electricity from an RPS certified facility ▶ RPS ID: _____ ▶ RPS Facility Name: _____ <input type="checkbox"/> Non-RPS eligible electricity, specify: _____ ▶ Average annual percent contribution compared to the total electricity used: _____
<i>All fuel cell applicants must attach a completed CEC-RPS-1A:S5 form.</i>	
Section V: Supplemental Questions for RPS-Eligible Gas	
4. Does the electricity generating facility use biogas procured at a separate location? <input type="checkbox"/> Yes <input type="checkbox"/> No (skip to #7)	
5. Is the facility designated to use pipeline biomethane injected into a natural gas pipeline? <input type="checkbox"/> Yes <input type="checkbox"/> No (skip to #7)	
6. <input type="checkbox"/> For facilities using biomethane and natural gas, applicant certifies that the all of the following criteria are met: <ul style="list-style-type: none"> ▶ The gas must be produced from an RPS-eligible resource. ▶ The gas must be injected into a natural gas pipeline system that is either within the WECC region or interconnected to a natural gas pipeline system located in the WECC region that delivers gas into California (or delivers to the electric generation facility if the electric generation facility is located outside California). ▶ The energy content produced and supplied to the transportation pipeline system must be measured on a monthly basis and reported annually, illustrated by month. Reporting shall be in units of energy based on metering of volume of both gases and adjusted for measured heat content per volume of both gases. The amount of gas used at the RPS-eligible facility must be reported in the same units measured over the same time period and the electricity production must be reported in MWh. ▶ The gas must be designated for use at a facility that has been certified as RPS-eligible. ▶ The gas must be nominated, scheduled, and ultimately delivered to a location in California, or to the electric generation facility if located outside California. The gas must be delivered via a physical contract path from injection point to California, or to the electric generation facility if located outside California. 	
<i>Applicant must attach a completed fuel delivery attestation on the CEC-RPS-1A:S5 Form</i>	
7. Please specify the source or type of fuel, and complete any additional specified section(s).	
Choose the Biomethane or Biogas Fuel Source(s)	<input type="checkbox"/> Biomass ▶ Complete Section VI <input type="checkbox"/> Digester Gas <i>(CEC-RPS-1A:S1 is complete. You do not need to answer any further questions on this form.)</i> <input type="checkbox"/> Landfill Gas <i>(CEC-RPS-1A:S1 is complete. You do not need to answer any further questions on this form.)</i> <input type="checkbox"/> MSW Conversion ▶ Complete VIII and submit additional required information for MSW Conversion
<i>All fuel cell applicants must attach a completed CEC-RPS-1A:S5 form.</i>	
Section VI: Supplemental Questions for Biomass Applicants	
8. <input type="checkbox"/> Applicant certifies that the source of the facility's fuel qualifies as a biomass as specified in the definition of biomass in the <i>Overall Program Guidebook</i> .	
<i>All biomass applicants must attach a completed CEC-RPS-1A:S5 form.</i>	
<i>(CEC-RPS-1A:S1 is complete. You do not need to answer any further questions on this form.)</i>	

Section VII: Supplemental Questions for Municipal Solid Waste Combustion Applicants

9. ☐ Applicant certifies that the MSW Combustion facility meets **all** of the following criteria:
- ▶ Facility is located in Stanislaus County.
 - ▶ Facility commenced commercial operations before to September 26, 1996.

Applicant must attach documentation to this application demonstrating that the facility meets both of these requirements.

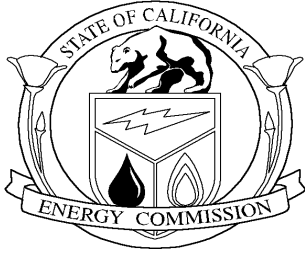
(CEC-RPS-1A:S1 is complete. You do not need to answer any further questions on this form.)

Section VIII: Supplemental Questions for Municipal Solid Waste Combustion Applicants

10. ☐ Applicant certifies that the facility is eligible for the RPS and that: 1) it uses a two-step process to create energy whereby in the first step (gasification conversion) a non-combustion thermal process that consumes no excess oxygen is used to convert MSW into a clean burning gaseous or liquid fuel, and then in the second step this clean-burning fuel is used to generate electricity, 2) it is located in-state or satisfies the out-of-state requirements, and 3) the facility and conversion technology meet all of the following applicable criteria in accordance with Public Resources Code Section 25741, Subdivision (b)(3):
- a. The technology does not use air or oxygen in the conversion process, except ambient air to maintain temperature control.
 - b. The technology produces no discharges of air contaminants or emissions, including greenhouse gases as defined in Section 42801.1 of the Health and Safety Code.
 - c. The technology produces no discharges to surface or groundwaters of the state.
 - d. The technology produces no hazardous wastes.
 - e. To the maximum extent feasible, the technology removes all recyclable materials and marketable green waste compostable materials from the solid waste stream before the conversion process, and the owner or operator of the facility certifies that those materials will be recycled or composted.
 - f. The facility at which the technology is used complies with all applicable laws, regulations, and ordinances.
 - g. The technology meets any other conditions established by the Energy Commission.
 - h. The facility certifies that any local agency sending solid waste to the facility diverted at least 30 percent of all solid waste it collects through solid waste reduction, recycling, and composting.

(CEC-RPS-1A:S1 is complete. You do not need to answer any further questions.)

Applicant's signed attestation on Form CEC-RPS-1A applies to the information provided herein.



CEC-RPS-1A:S2

Certification Supplement 2 - Hydroelectric

California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person Completing the Form if Different from Applicant:

Section II: Facility Information

Name of Facility:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

Section III: Supplemental Questions for Hydroelectric Applicants

1. Does the facility use pumped storage for electricity generation? ☐ Yes* ☐ No
☐ *If Yes, applicant certifies that the facility meets **all** of the following requirements:
 - ▶ The facility meets the RPS eligibility requirements for conduit hydroelectric, small hydroelectric, or incremental hydroelectric facilities as more fully described in the *Renewables Portfolio Standard Eligibility Guidebook*, and
 - ▶ The electricity used to pump the water qualifies as RPS-eligible. (The amount of energy that may qualify for the RPS is the amount of electricity dispatched from the pumped storage facility.)

A facility certified as RPS-eligible may include an electricity storage device if it does not conflict with other RPS-eligibility criteria, but the storage unit itself will not be separately certified.
2. Is the facility seeking certification of only the incremental increase in generation resulting from efficiency improvements initiated on or after January 1, 2008?
☐ Yes (Skip to #7) ☐ No
3. Is the facility seeking certification as a small conduit hydroelectric facility that uses the hydroelectric potential from an existing conduit that was built before January 1, 2008?
☐ Yes (If yes, Skip to #5) ☐ No

4. RPS Eligibility for Small Hydroelectric Facilities

Choose **ONE** and read #6

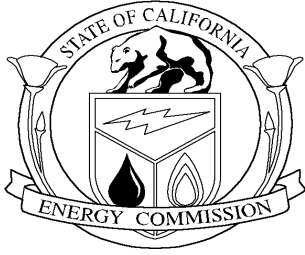
- ☐ If facility commenced commercial operations before January 1, 2006, applicant certifies that the facility meets **all** of the following criteria:
- ▶ Capacity is 30 MW or less, with an exception for eligible efficiency improvements made after January 1, 2008, as discussed below.
 - ▶ Located in-state or satisfies the out-of-state requirements.
 - ▶ Under contract to, or owned by a retail seller or local publicly owned utility as of January 1, 2006.
- Specify the retail seller or local publicly owned utility:

Eligible Efficiency Improvements: A small hydroelectric facility shall not lose its RPS eligibility if efficiency improvements undertaken after January 1, 2008, cause it to exceed 30 MW and "the efficiency improvements do not result in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow." [Public Utilities Code Section 399.12.5(a)] The entire generating capacity of the facility shall be RPS-eligible.

	<input type="checkbox"/> If facility commenced commercial operations or was repowered on or after January 1, 2006, applicant certifies that the facility meets all of the following requirements: <ul style="list-style-type: none"> ▶ Capacity is 30 MW or less, with an exception for eligible energy efficiency improvements made after January 1, 2008, as discussed above. ▶ Located in-state or satisfies the out-of-state requirements. ▶ The facility does not cause an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow.
5. RPS Eligibility for Conduit Hydroelectric Facilities	
Choose ONE and read #6	<input type="checkbox"/> If facility commenced commercial operations before January 1, 2006, applicant certifies that the facility meets all of the following requirements: <ul style="list-style-type: none"> ▶ Capacity is 30 MW or less, with an exception for eligible energy efficiency improvements made after January 1, 2008, as discussed below. ▶ Located in-state or satisfies the out-of-state requirements.
	<i>Eligible Efficiency Improvements: A conduit hydroelectric facility shall not lose its RPS eligibility if efficiency improvements undertaken after January 1, 2008, cause it to exceed 30 MW and do not result in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow. The entire generating capacity of the facility shall be RPS-eligible.</i>
	<input type="checkbox"/> If facility commenced commercial operations after January 1, 2006, applicant certifies that the facility meets all of the following requirements: <ul style="list-style-type: none"> ▶ Capacity is 30 MW or less in, with an exception for eligible energy efficiency improvements made after January 1, 2008, as discussed above. ▶ Located in-state or satisfies the out-of-state requirements. ▶ Does not result in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow
6. Permits and Licenses for Small Hydroelectric and Small Conduit Hydroelectric Facilities	
<i>Facility located within California</i>	<i>Facility located outside California</i>
<p>A new or repowered small hydroelectric facility, conduit hydroelectric facility or incremental generation from eligible efficiency improvements located within California, is not eligible for the RPS if it results in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow. A facility may have an adverse impact on the instream beneficial uses if it causes a change in the volume, rate, timing, temperature, turbidity, or dissolved oxygen content of the stream water.</p>	<p>A new or repowered small hydroelectric facility, conduit hydroelectric facility, or incremental generation from eligible efficiency improvements to a hydroelectric facility located outside California may be eligible for the RPS if it can demonstrate that it may operate without adversely impacting the instream beneficial uses or causing a change in the volume or timing of streamflow. A facility may have an adverse impact on the instream beneficial uses if it causes a change in the volume, rate, timing, temperature, turbidity, or dissolved oxygen content of the stream water.</p>
<p>Note: If a new or repowered small hydroelectric facility, conduit hydroelectric facility, or incremental generation from eligible efficiency improvements to a hydroelectric facility, can demonstrate that it can operate without adversely impacting the instream beneficial uses or causing a change in the volume or timing of streamflow, it may be eligible for the RPS.</p>	
7. RPS Eligibility for Incremental Hydroelectric Generation	
<p>RPS certification of the incremental increase in generation that results from efficiency improvements to a hydroelectric facility, regardless of the electrical output of the facility, is eligible for the RPS if all of the following conditions are met:</p> <ul style="list-style-type: none"> ▶ The facility is owned by a retail seller or a local publicly owned electric utility. <p style="margin-left: 20px;">Specify Utility: _____</p> <ul style="list-style-type: none"> ▶ The facility was operational before January 1, 2007. ▶ The efficiency improvements are initiated on or after January 1, 2008, are not the result of routine maintenance activities and were not included in any resource plan sponsored by the facility owner before January 1, 2008. 	

- ▶ The facility has, within the immediately preceding 15 years from the date the efficiency improvements are initiated, received certification from the State Water Resources Control Board (SWRCB) pursuant to Section 401 of the Clean Water Act (33 U.S.C. Sec. 1341), or has received certification from a regional board to which the SWRCB has delegated authority to issue certification, unless the facility is exempt from certification because there is no potential discharge into waters of the United States.
 - ▶ The incremental increase is the result of efficiency improvements from a retrofit, and the efficiency improvements do not result in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow.
 - ▶ All of the incremental increase in electricity generation resulting from the efficiency improvements must be demonstrated to result from a long-term financial commitment by the retail seller.
- ☐ Applicant certifies that that the incremental generation and facility comply with the above requirements as more fully described in the *Renewables Portfolio Standard Eligibility Guidebook*.

Applicant's signed attestation on Form CEC-RPS-1A applies to the information provided herein



CEC-RPS-1A:S3

Certification Supplement 3 - Out-of-State Facilities California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person Completing the Form if Different from Applicant:

Section II: Facility Information

Name of Facility:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

Section III: Supplemental Questions for Out-of-State Applications

1. Choose **One**

☐ For RPS eligibility, applicant certifies that the facility commenced commercial operations on or after January 1, 2005, and meets the RPS eligibility requirements as outlined in the *RPS Eligibility Guidebook*:

- ▶ Connected to the WECC transmission system.
- ▶ Does not cause or contribute to any violation of a California environmental quality standard or requirement within California, and meets all conditions in Item # 5 below (or has provided the necessary supplemental information).
- ▶ If located outside the United States, facility is developed and operated in a manner that is as protective of the environment as a similar facility located in California.
- ▶ Participates in WREGIS.

☐ For RPS eligibility for facilities that meet the requirements above, with the exception that commercial operations commenced before January 1, 2005, applicant certifies that the facility meets at least **one** of the following requirements: (*check all that apply*)

- ☐ The electricity is from incremental generation resulting from project expansion or repowering of the facility after January 1, 2005
- ☐ The facility was part of the initial baseline procurement portfolio of a retail seller or of a local publicly owned utility.

2. To be eligible for RPS, an applicant for an out-of-state facility must agree to comply with the "Delivery Requirements" specified in the "Energy Delivery Requirements" section of the *Renewables Portfolio Standard Eligibility Guidebook*.

☐ Applicant acknowledges and agrees to comply with the above requirements as more fully described in the *Renewables Portfolio Standard Eligibility Guidebook*.

3. Provide the straight line distance from the facility to California (in miles):

4. What is the shortest driving time from the facility to California (in hours):

5. Select the environmental areas in which the facility meets or exceeds the minimum requirements, select all that apply:

Environmental Area	Threshold or Minimum Distance from California Border
Discreet Thresholds	
<input type="checkbox"/> Agricultural and Soil	2 miles
<input type="checkbox"/> Cultural Resources	Project viewshed/ 20 miles
<input type="checkbox"/> Geological Hazards	2 miles
<input type="checkbox"/> Land Use/ Recreation	Project viewshed/ 20 miles
<input type="checkbox"/> Noise	2 miles
<input type="checkbox"/> Paleontological Resources	Project viewshed/ 1 mile
<input type="checkbox"/> Socioeconomics	2 hour commute distance
<input type="checkbox"/> Visual Resources	Project viewshed/ 20 miles
Conditional Thresholds	
<input type="checkbox"/> Air Quality	10 miles, or greater if there is potential for transportation or other emissions to impact California air quality
<input type="checkbox"/> Biological Resources	10 miles, unless the project has the potential to impact a California migratory bird or animal population
<input type="checkbox"/> Public Health	10 miles , or greater if there is potential for project-related wildfire risk
<input type="checkbox"/> Traffic and Transportation	20 miles, or greater if the project could impact California air travel or traffic on California highways
<input type="checkbox"/> Transmission System Safety and Nuisance	2 miles, although if the transmission line interconnection extends into California, the facility would be considered in state and an environmental review pursuant to
<input type="checkbox"/> Waste Management / Hazardous Materials Handling	No distance limit if California disposal site is used or materials are transported through California.
<input type="checkbox"/> Water Resources	2 miles, or further distance if project has the potential to impact a drainage flowing into California

► Please attach a written explanation substantiating the claim that the project does not violate California LORS as required in the *Renewables Portfolio Standard Eligibility Guidebook*.

► Please included any documentation that is necessary to substantiate the applicant's assessment as required in the *Renewables Portfolio Standard Eligibility Guidebook*.

Attach the documentation specified in the section entitled "Instructions for Additional Required Information for Out-of-State Facilities" in the *Renewables Portfolio Standard Eligibility Guidebook*.

Applicant's signed attestation on Form CEC-RPS-1A applies to the information provided herein.



CEC-RPS-1A:S4

Certification Supplement 4 - Distributed Generation California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person Completing the Form if Different from Applicant:

Section II: Facility Information

Name of Facility:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

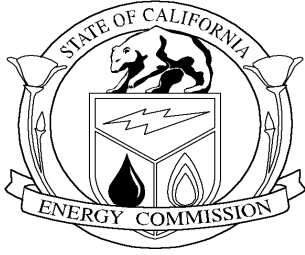
Country:

Section III: Distributed Generation Information

1. Is the facility owned and operated by a utility, but located at the load site for the purpose of selling electricity to serve the onsite load?
☐ Yes (If yes, skip to item #4) ☐ No
2. Is the entire electrical output generated at the facility sold to a retail seller or a local publicly owned electric utility under a power purchase agreement?
☐ Yes ☐ No
3. Is the excess generation, or generation net of the facility's on-site demand, sold under a power purchase agreement with a retail seller or local publicly owned electric utility?
☐ Yes ☐ No (If answers to both #2 and #3 are No, the facility is not RPS-eligible at this time)
▶ If Yes, attach a description of how the metering scenario accurately measures the facility's excess generation.
4. Have benefits been received, are being received, or are planned to be received for the facility from the following ratepayer funded programs: (Check all that apply)

Energy Commission:	CPUC:
<input type="checkbox"/> Emerging Renewables Program	<input type="checkbox"/> California Solar Initiative
<input type="checkbox"/> New Solar Homes Partnership	<input type="checkbox"/> Self Generation Incentive Program
<input type="checkbox"/> Pilot Performance-Based Initiative Program	<input type="checkbox"/> Other. <i>Please specify:</i>
<input type="checkbox"/> Existing Renewables Program under SB 90	<input type="checkbox"/> None
5. Has/Is the facility participated/ing in a net metering program or benefited/ing from net metering tariffs?
☐ Yes ☐ No (If No, CEC-RPS-1A:S4 is complete)
6. Is a plan in place to exit the net metering program or net metering tariffs if a power purchase agreement is secured as described in questions #16 or #17?
☐ Yes ☐ No (If No, facility is not RPS eligible at this time)
▶ If net metering program or tariffs were already exited or are planned to be exited, specify date: _____

Applicant's signed attestation on Form CEC-RPS-1A applies to the information provided herein.



CEC-RPS-1A:S5

Certification Supplement 5 - Attestations California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

–This form must be completed for every fuel supplier and each entity delivering that fuel if applicable–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person completing the form if different from applicant:

Section II: Facility Information

Name of Facility:

Facility Owner:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

1. Operator of the Electric Generating Facility Applying for RPS Certification

Facility Operator:

Authorized Officer/Agent:

Title:

2. Fuel Producer

Fuel Production Facility Name:

Fuel Production Facility Location:

Facility Owner:

Authorized Officer/Agent:

Title:

3. Pipeline Biomethane Delivering Entity

Pipeline Biomethane Delivering Entity:

Authorized Officer/Agent:

Title:

Section III: Supplemental Attestations

–All attestations must be submitted with an original signature and initials–

1. Facility Operator Attestation

Name of Facility Applying for RPS Certification:

Name of Fuel Production Facility:

Location of Fuel Production Facility:

Fuel Production Facility Owner:

Pipeline Biomethane Delivering Entity:

Authorized Officer/Agent of the Fuel Delivery Entity:

I am an authorized officer or agent of the above-noted facility (the facility applying for the RPS certification) owner, and hereby attest on behalf of the above-noted facility owner of the intention to procure:

Choose all that apply, please initial next to each selection	<input type="checkbox"/>	Biodiesel
	<input type="checkbox"/>	Biogas not delivered via the natural gas pipeline system
	<input type="checkbox"/>	Pipeline Biomethane
	▶ <i>Applicant must attach a completed fuel delivery attestation</i>	
	<input type="checkbox"/>	Biomass
	<input type="checkbox"/>	Hydrogen

from the above fuel producer, that meets the RPS eligibility criteria for the generation of electricity from that fuel and contains all the "green attributes" of that fuel as defined in the *Overall Program Guidebook* for the *Renewable Energy Program*. I have read the above information as well as the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program* and understand the provisions, eligibility criteria, and requirements of these guidebooks and my responsibilities. I acknowledge that the receipt of any certification approval from the Energy Commission for the above facility applying for RPS certification is conditioned on the facility owner's acceptance and satisfaction of all program requirements as set forth in the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program*. I declare under penalty of perjury that the information provided is true and correct to the best of my knowledge and that I am authorized to submit this application on the facility owner's behalf.

Authorized Officer/Agent:

Officer Title:

Signature: _____

Date Signed: _____

End of the facility operator attestation

Section III: Supplemental Attestations (continued)

–All attestations must be submitted with an original signature and initials–

2. Fuel Production Facility Owner Attestation

Name of Facility Applying for RPS Certification:

Fuel Production Facility Name:

Fuel Production Facility Location:

Fuel Production Facility Owner:

Pipeline Biomethane Delivering Entity:

Authorized Officer/Agent of the Fuel Delivery Entity:

I am an authorized officer or agent of the above-noted facility (the facility applying for the RPS certification) owner, and hereby attest on behalf of the above-noted facility owner that:

Choose all that apply, please initial next to each selection	_____	<input type="checkbox"/> Biodiesel
	_____	<input type="checkbox"/> Biogas not delivered via the natural gas pipeline system
	_____	<input type="checkbox"/> Pipeline Biomethane
	_____	► <i>Applicant must attach a completed fuel delivery attestation</i>
	_____	<input type="checkbox"/> Biomass
	_____	<input type="checkbox"/> Hydrogen

is being procured and the facility owner intends to continue to procure that fuel from the above fuel producer, that meets the RPS eligibility criteria for the generation of electricity from that fuel and contains all the "green attributes" of that fuel as defined in the *Overall Program Guidebook for the Renewable Energy Program*. I have read the above information as well as the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook for the Renewable Energy Program* and understand the provisions, eligibility criteria, and requirements of these guidebooks and my responsibilities. I acknowledge that the receipt of any certification approval from the Energy Commission for the above facility applying for RPS certification is conditioned on the facility owner's acceptance and satisfaction of all program requirements as set forth in the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook for the Renewable Energy Program*. I declare under penalty of perjury that the information provided is true and correct to the best of my knowledge and that I am authorized to submit this application on the facility owner's behalf.

Authorized Officer/Agent:

Officer Title:

Signature: _____

Date Signed: _____

End of the fuel production facility owner attestation

Section III: Supplemental Attestations (continued)

–All attestations must be submitted with an original signature and initials–

3. The Pipeline Biomethane Delivery Attestation

Name of Facility Applying for RPS Certification:

Fuel Production Facility Name:

Fuel Production Facility Location:

Facility Owner/Operator:

Pipeline Biomethane Delivering Entity:

Authorized Officer/Agent of the Fuel Delivery Entity:

Receipt Point:

Entity Delivering the Gas to the Receipt Point:

Delivery Point:

Receiving Entity at the Delivery Point:

I am an authorized officer or agent of the above-noted pipeline biomethane delivering entity, and hereby attest on behalf of the above-noted entity that renewable pipeline biomethane, as defined in the California Energy Commission's *Overall Program Guidebook* for the *Renewable Energy Program*, from the named fuel production facility, has been delivered, and will continue to be delivered, for the term of the delivery contract, from the named entity at the above receipt point to the named receiving entity at the above delivery point, in an eligible manner as described by the *Renewables Portfolio Standard Eligibility Guidebook*. I have read the above information as well as the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program* and understand the provisions, eligibility criteria, and requirements of these guidebooks and my responsibilities. I acknowledge that receipt of any certification approval from the Energy Commission for the above facility applying for RPS certification is conditioned on the owner of the delivering entity's acceptance and satisfaction of all applicable program requirements as set forth in the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program*. I declare under penalty of perjury that the information provided is true and correct to the best of my knowledge and that I am authorized to submit this application on the facility owner's behalf.

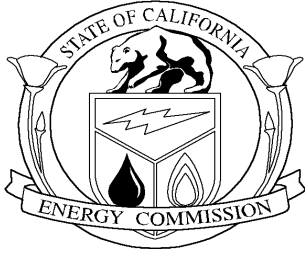
Authorized Officer/Agent:

Officer Title:

Signature: _____

Date Signed: _____

End of the pipeline biomethane delivery attestation



CEC-RPS-1B

Application for Pre-Certification

California Renewables Portfolio Standard Program

Please refer to the RPS Eligibility Guidebook and the Overall Program Guidebook for additional information for completing this form.

—All information on this form and on any attachments is subject to public disclosure—

Section I: Type of Pre-Certification Requested

1. Choose One	<input type="checkbox"/> Pre-Certification	<input type="checkbox"/> Amendmend Pre-Certification
	If this is an amendment:	
	Date of Original Pre-Certification: _____ Original RPS ID Number: _____	

Section II: Applicant Information

2. Applicant Information

Name of Applicant:	Title:
Applicant Phone:	Fax:
E-Mail (for all correspondence):	
Person Completing the Form if Different from Applicant:	

3. Company Information

Company Name:			
Company Address:			
City:	State:	Zip:	Country:

Section III: Facility Information

4. Facility Owner

Name of Owner:			
Owner Address:			
City:	State:	Zip:	Country:
Phone:	Fax:		
E-Mail:			
State or Province in which facility owner/company is incorporated:			

5. Facility Location		
Name of Facility: _____		
Please specify any additional names this facility is or has been known by, including names the facility has used in the past, if known: _____		
Location (street address, legal description, or GPS coordinates): _____		
City: _____	County: _____	
State: _____	Zip: _____	Country: _____
Facility Phone: _____	Fax: _____	E-Mail (for all correspondence): _____
Facility Operations		
6. Provide the nameplate capacity of the facility (in megawatts): _____		
7. Select Balancing Authority operator for the facility: <input type="checkbox"/> CA ISO <input type="checkbox"/> Other (<i>specify</i>): _____		
8. Will the facility's first point of interconnection to the WECC transmission system be located within California?		
▶ Provide the WECC interconnection substation location: _____		
<input type="checkbox"/> Yes. Facility is considered an in-state facility for purposes of RPS eligibility.		
<input type="checkbox"/> No. Either facility will be located out-of-state and is <u>not</u> subject to California Public Utilities Code Section 399.17, or the facility <u>is</u> subject to PUC Section 399.17 but its generation is intended to be counted toward another retail seller's California RPS obligations.		
▶ Complete CEC-RPS-1B:S3 and submit additional required information for Out-of-State Facilities.		
<input type="checkbox"/> Other. Facility will be located out-of-state BUT the generation will be exclusively used by a multi-jurisdictional retail seller with 60,000 or fewer customer accounts in California under PUC Section 399.17. (<i>Out-of-state delivery requirements do not apply to these facilities.</i>)		
▶ Specify the multi-jurisdictional retail seller procuring the generation: _____		
9. Choose One	<input type="checkbox"/> Prior operating facility. Facility commenced commercial operations before January 1, 2005* ▶ Specify date: _____	
	<input type="checkbox"/> New facility. Facility will commence commercial operations after January 1, 2005.* ▶ Specify date: _____	
	<input type="checkbox"/> Repowered facility. Facility will be repowered or re-enter commercial operations after January 1, 2005.* ▶ Specify date: _____ ▶ Repowered facilities must provide documentation confirming the replacement of the facility's prime generating equipment and the capital investments made to repower the facility as well as the value of those investments as described in the "Instructions for Additional Required Information for Repowered Facilities" in the RPS Guidebook. ▶ Select method used to demonstrate compliance with the 80 percent threshold: <input type="checkbox"/> Tax Records Methodology <input type="checkbox"/> Replacement Value Methodology	
	<i>* Exceptions for these online dates are small hydroelectric and small conduit hydroelectric facilities that began commercial operations or were repowered on or after January 1, 2006.</i>	
10. Choose One	<input type="checkbox"/> Facility is a central station facility.	
	<input type="checkbox"/> Facility is a distributed generation facility serving on-site load. ▶ Complete CEC-RPS-1B:S4	
11. Facility Identification Numbers		
California Energy Commission:	Renewable Energy Program #:	CEC-Other#:
State of California:	CA ISO Resource ID:	
Federal:	QF ID or Self-Certification Docket #: _____	
Energy Information Administration Numbers:	<input type="checkbox"/> The facility is on an existing EIA List <input type="checkbox"/> The facility is on a proposed EIA list	
Utility Code:	Plant Code:	

WECC:	WREGIS GU ID <i>(not required for pre-certification)</i> :	
Other (Please explain):		
Section IV: Facility Fuel and Technology Type		
<p>12. Indicate energy source to be used by the facility. For multi-fuel facilities, indicate all energy sources to be used. For facilities using biodiesel, fuel cell, or RPS-eligible gas injected into a natural gas pipeline, please select only the fuel type to be used for electrical generation, complete the specified form, and provide the additional required information as applicable.</p>		
<input type="checkbox"/> Biodiesel ▶ Complete CEC-RPS-1B:S1 and S5 <input type="checkbox"/> Biomass ▶ Complete CEC-RPS-1B:S1 and S5 <input type="checkbox"/> Conduit Hydroelectric ▶ Complete CEC-RPS-1B:S2 <input type="checkbox"/> Digester Gas ▶ Complete CEC-RPS-1B:S1 and S5 <input type="checkbox"/> Fuel Cell Using Renewable Fuel ▶ Complete CEC-RPS-1B:S1 and S5 <input type="checkbox"/> Geothermal	<input type="checkbox"/> Incremental Hydroelectric ▶ Complete CEC-RPS-1B:S2 <input type="checkbox"/> Landfill Gas ▶ Complete CEC-RPS-1B:S1 and S5 <input type="checkbox"/> Municipal Solid Waste, Combustion ▶ Complete CEC-RPS-1B:S1 <input type="checkbox"/> Municipal Solid Waste, Conversion ▶ Complete CEC-RPS-1B:S1 <input type="checkbox"/> Ocean Wave <input type="checkbox"/> Ocean Thermal	<input type="checkbox"/> Photovoltaic <input type="checkbox"/> Pipeline Biomethane ▶ Complete CEC-RPS-1B:S1 and S5 <input type="checkbox"/> Small Hydroelectric ▶ Complete CEC-RPS-1B:S2 <input type="checkbox"/> Solar Thermal Electric <input type="checkbox"/> Tidal Current <input type="checkbox"/> Wind
<p>13. Will the facility use any fossil fuel or other nonrenewable fuel? <input type="checkbox"/> Yes * <input type="checkbox"/> No</p> <p>*If Yes, indicate the planned fossil fuel and/or nonrenewable fuel to be used and estimate its use on a yearly basis:</p> <p> ▶ Type of fossil fuel or other nonrenewable fuel:</p> <p> ▶ Estimate of average annual percentage for the first calendar year:</p> <p>Please indicate which of the measurement methodologies described in the RPS guidebook will be implemented by the facility to account for the contribution of each energy input or fuels to the generation:</p> <p><input type="checkbox"/> Combustion technologies and fuel cell technologies</p> <p><input type="checkbox"/> Non-combustion, thermal technologies, option 1</p> <p><input type="checkbox"/> Non-combustion, thermal technologies, option 2</p> <p><input type="checkbox"/> Non-thermal electric generating technologies (except fuel cell technologies)</p> <p><input type="checkbox"/> Alternative measurement methodology has been attached along with an explanation for why the method is superior to the methods provided in the <i>RPS Eligibility Guidebook</i> and why it is the most appropriate method for this facility.</p>		
<p>14. Was the facility developed and awarded a power purchase contract under a 2002-2003 Interim RPS Procurement solicitation approved by the CPUC under Decision 02-08-071 and Decision 02-10-062?</p> <p><input type="checkbox"/> Yes <i>(If Yes, facility may use up to 25% fossil fuel and count 100% of the electricity generated as RPS-eligible.)</i></p> <p><input type="checkbox"/> No <i>(If No, facility is subject to the de minimis fossil fuel requirement.)</i></p>		
<p>15. Is the facility currently, or will the facility be, certified as a <u>renewable</u> Qualifying Small Power Production Facility (QF) under the federal Public Utilities Regulatory Policies Act of 1978 (PURPA)?</p> <p><input type="checkbox"/> Yes ▶ Original certification date, if applicable:</p> <p><input type="checkbox"/> No <i>(If No, facility is subject to the de minimis fossil fuel requirement.)</i></p> <p><i>(If Yes, and facility was certified as a renewable QF that commenced commercial operations before January 1, 2002, facility may use up to 25% fossil fuel and count 100% of the electricity generated as RPS-eligible.)</i></p>		

Section V: General Information

The Energy Commission reserves the right to request additional information to confirm or clarify information provided in this application including any attachments. If a representative of a certified facility does not respond to the Energy Commission's request for an information update in a timely manner, the facility is at risk of losing its pre-certification status.

The Energy Commission's Accounting Office or its authorized agents, along with Energy Commission technical staff, may audit any applicant to verify the accuracy of any information included as part of an application for RPS pre-certification, under the Overall Program Guidebook for the Renewable Energy Program. As part of an audit, an applicant may be required to provide the Accounting Office or its authorized agents with any and all information and records necessary to verify the accuracy of any information included in the awardee's applications, invoices, or reports. An applicant may also be required to open its business records for on-site inspection and audit by the Accounting Office or its authorized agents for purposes of verifying the accuracy of any information included in the applicant's applications, invoices, and reports.

Representatives of pre-certified facilities must notify the Energy Commission promptly of any changes in information previously submitted to the Energy Commission. Failure to do so may result in revocation of pre-certification status. Any changes affecting the facility's pre-certification status must be reported on an amended CEC-RPS-1A form. If there are any changes to the status of a facility's pre-certification, the new information will be posted on the Energy Commission's website.

Section VI: Attestation

I am an authorized officer or agent of the above-noted facility owner or a retail seller contracting with the above noted facility owner and with authority to submit this application on the facility owner's behalf, and hereby submit this application on behalf of said facility owner for pre-certification of the facility as a renewable facility eligible for California's RPS. I have read the above information as well as the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program*, and understand the provisions, eligibility criteria, and requirements of these guidebooks and my responsibilities. I acknowledge that the receipt of any pre-certification approval from the Energy Commission is conditioned on the facility owner's acceptance and satisfaction of all program requirements as set forth in the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program*. I declare under penalty of perjury that the information provided in this application and any supplemental forms and attachments is true and correct to the best of my knowledge and that I am authorized to submit this application on the facility owner's behalf.

Name of Facility:

Authorized Officer/Agent:

Officer Title:

Signature: _____

Date Signed:

☐ The Following are Attached:

REMINDER: Some facilities have further submission requirements outlined below; refer to the RPS Eligibility Guidebook for details.

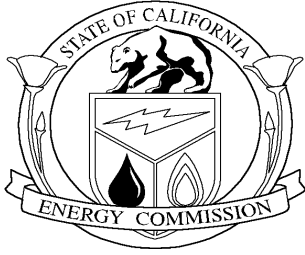
Technology/Characteristic	Additional Required Information	Supplemental Form
Biodiesel, Biomass, Digester Gas, Fuel Cells Using Renewable Fuel, Landfill Gas, MSW Combustion, MSW Conversion, and Pipeline Biomethane	Yes	CEC-RPS-1B:S1
Hydroelectric	Yes	CEC-RPS-1B:S2
Out of State	Yes	CEC-RPS-1B:S3
Distributed Generation	Yes	CEC-RPS-1B:S4
Biodiesel, Biomass, Digester Gas, Fuel Cells Using Renewable Fuel, Landfill Gas, and Pipeline Biomethane	Yes	CEC-RPS-1B:S5
Repowered	Yes	N/A

SUBMIT:

1. Completed and signed CEC-RPS 1A/B form
2. Applicable supplemental forms
3. Applicable additional required information
4. Other, please specify:

TO: California Energy Commission
Attn: RPS Certification
1516 Ninth Street, MS-45
Sacramento, CA 95814

And via email to: RPSTrack@energy.state.ca.us



CEC-RPS-1B:S1

Pre-Certification Supplement 1 - Biopower

California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person Completing the Form if Different from Applicant:

Section II: Facility Information

Name of Facility:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

Section III: Specific Fuel Type

1. Indicate fuel type and complete specified sections. Check all that apply.

<input type="checkbox"/> Biodiesel derived from Biomass ► Complete Section VII	<input type="checkbox"/> Digester Gas ► Complete Section V	<input type="checkbox"/> MSW Combustion ► Complete Section VII
<input type="checkbox"/> Biodiesel derived from MSW Conversion ► Complete Section VIII	<input type="checkbox"/> Fuel Cell Using Renewable Fuels ► Complete Section IV	<input type="checkbox"/> MSW Conversion ► Complete Section VIII
<input type="checkbox"/> Biomass ► Complete Section VI	<input type="checkbox"/> Landfill Gas ► Complete Section V	<input type="checkbox"/> Pipeline Biomethane (Biomethane) ► Complete Section V

Section IV: Supplemental Questions for Fuel Cells

2. Please specify the source of fuel to be used in the fuel cell.

Select the source of the fuel to be used in the fuel cell	<input type="checkbox"/> Onsite Biogas ► Complete Section V
	<input type="checkbox"/> Delivered Biogas or Pipeline Biomethane ► Complete Section V
	<input type="checkbox"/> Hydrogen derived from water, produced onsite, and converted using renewable power.
	<input type="checkbox"/> Hydrogen purchased from a hydrogen supplier ► Applicant must attach completed CEC-RPS-1B:S5 form
	<input type="checkbox"/> Other non-fossil fuel or Feedstock. Please specify:

3. Will electricity be used in the process to produce the hydrogen or hydrogen-rich gas? <input type="checkbox"/> Yes, specify below. <input type="checkbox"/> No	
Source(s) of Electricity	<input type="checkbox"/> Onsite RPS eligible renewable electricity generation ▶ Specify technology: _____ <input type="checkbox"/> Offsite electricity from an RPS certified facility ▶ RPS ID: _____ ▶ RPS Facility Name: _____ <input type="checkbox"/> Non-RPS eligible electricity, specify: _____ ▶ Average annual percent contribution compared to the total electricity used: _____
<i>All fuel cell applicants must attach a completed CEC-RPS-1B:S5 form.</i>	
Section V: Supplemental Questions for RPS-Eligible Gas	
4. Will the electricity generating facility use biogas procured at a separate location? <input type="checkbox"/> Yes <input type="checkbox"/> No (skip to #7)	
5. Will the facility be designated to use pipeline biomethane injected into a natural gas pipeline? <input type="checkbox"/> Yes <input type="checkbox"/> No (skip to #7)	
6. <input type="checkbox"/> For facilities using biomethane and natural gas, applicant certifies that the all of the following criteria is met: <ul style="list-style-type: none"> ▶ The gas must be produced from an RPS-eligible resource. ▶ The gas must be injected into a natural gas pipeline system that is either within the WECC region or interconnected to a natural gas pipeline system located in the WECC region that delivers gas into California (or delivers to the electric generation facility if the electric generation facility is located outside California). ▶ The energy content produced and supplied to the transportation pipeline system must be measured on a monthly basis and reported annually, illustrated by month. Reporting shall be in units of energy based on metering of volume of both bases and adjusted for measured heat content per volume of both gases. The amount of gas used at the RPS-eligible facility must be reported in the same units measured over the same time period and the electricity production must be reported in MWh. ▶ The gas must be designated for use at a facility that has been certified as RPS-eligible. ▶ The gas must be nominated, scheduled, and ultimately delivered to a location in California, or to the electric generation facility if located outside California. The gas must be delivered via a physical contract path from injection point to California, or the electric generation facility if located outside California. 	
<i>Applicant must attach a completed fuel delivery attestation on the CEC-RPS-1B:S5 Form</i>	
7. Please specify the source or type of fuel, and complete any additional specified section(s).	
Choose the Biomethane or Biogas Fuel Source(s)	<input type="checkbox"/> Biomass ▶ Complete Section VI <input type="checkbox"/> Digester Gas <i>(CEC-RPS-1B:S1 is complete. You do not need to answer any further questions on this form.)</i> <input type="checkbox"/> Landfill Gas <i>(CEC-RPS-1B:S1 is complete. You do not need to answer any further questions on this form.)</i> <input type="checkbox"/> MSW Conversion ▶ Complete VIII and submit additional required information for MSW Conversion
<i>All fuel cell applicants must attach a completed CEC-RPS-1B:S5 Form.</i>	
Section VI: Supplemental Questions for Biomass Applicants	
8. <input type="checkbox"/> Applicant certifies that the source of the facility's fuel qualifies as a biomass as specified in the definition of biomass in the <i>Overall Program Guidebook</i> .	
<i>All biomass applicants must attach a completed CEC-RPS-1B:S5 form.</i> <div style="text-align: right;"><i>(CEC-RPS-1B:S1 is complete. You do not need to answer any further questions on this form.)</i></div>	

Section VII: Supplemental Questions for Municipal Solid Waste Combustion Applicants

9. ☐ Applicant certifies that the MSW Combustion facility meets **all** of the following criteria:
- ▶ Facility is located in Stanislaus County.
 - ▶ Facility commenced commercial operations before September 26, 1996.

Applicant must attach documentation to this application demonstrating that the facility meets both of these requirements.

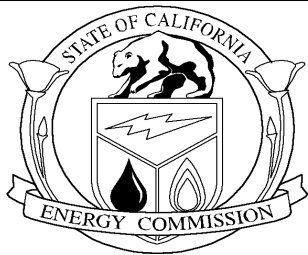
(CEC-RPS-1B:S1 is complete. You do not need to answer any further questions on this form.)

Section VIII: Supplemental Questions for Municipal Solid Waste Conversion Applicants

10. ☐ Applicant certifies that the facility is eligible for the RPS and 1) it uses a two-step process to create energy whereby in the first step (gasification conversion) a non-combustion thermal process that consumes no excess oxygen is used to convert MSW into a clean burning gaseous or liquid fuel, and then in the second step this clean-burning fuel is used to generate electricity, 2) it is located in-state or satisfies the out-of-state requirements, and 3) it the facility and conversion technology meets all of the following criteria in accordance with Public Resources Code Section 25741, Subdivision (b)(3):
- a. The technology does not use air or oxygen in the conversion process, except ambient air to maintain temperature control.
 - b. The technology produces no discharges of air contaminants or emissions, including greenhouse gases as defined in Section 42801.1 of the Health and Safety Code.
 - c. The technology produces no discharges to surface or groundwaters of the state.
 - d. The technology produces no hazardous wastes.
 - e. To the maximum extent feasible, the technology removes all recyclable materials and marketable green waste compostable materials from the solid waste stream before the conversion process, and the owner or operator of the facility certifies that those materials will be recycled or composted.
 - f. The facility at which the technology is used complies with all applicable laws, regulations, and ordinances.
 - g. The technology meets any other conditions established by the State Energy Resources Conservation and Development Commission (formal name of the Energy Commission).
 - h. The facility certifies that any local agency sending solid waste to the facility diverted at least 30 percent of all solid waste it collects through solid waste reduction, recycling, and composting.

(CEC-RPS-1B:S1 is complete. You do not need to answer any further questions.)

Applicant's signed attestation on Form CEC-RPS-1B applies to the information provided herein.



CEC-RPS-1B:S2

Pre-Certification Supplement 2 - Hydroelectric California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person Completing the Form if Different from Applicant:

Section II: Facility Information

Name of Facility:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

Section III: Supplemental Questions for Hydroelectric Applicants

1. Will the facility use pumped storage for electricity generation? ☐ Yes* ☐ No

☐ *If Yes, applicant certifies that the facility will meet **all** of the following requirements:

- ▶ The facility will meet the RPS eligibility requirements for conduit hydroelectric, small hydroelectric, or incremental hydroelectric facilities as more fully described in the *Renewables Portfolio Standard Eligibility Guidebook*, and
- ▶ The electricity used to pump the water qualifies or will qualify as RPS-eligible. (The amount of energy that may qualify for the RPS is the amount of electricity dispatched from the system.)

A facility certified as RPS-eligible may include an electricity storage device if it does not conflict with other RPS-eligibility criteria, but the storage unit itself will not be separately certified.

2. Is the facility seeking pre-certification of only the incremental increase in generation resulting from efficiency improvements initiated on or after January 1, 2008?

☐ Yes (Skip to #7) ☐ No

3. Is the facility seeking pre-certification as a small conduit hydroelectric facility and was built in an existing conduit that was built before January 1, 2007?

☐ Yes (If yes, Skip to #5) ☐ No

4. RPS Eligibility for Small Hydroelectric Facilities

Choose **ONE** and
read #6

☐ If facility commenced commercial operations before January 1, 2006, applicant certifies that the facility meets **all** of the following criteria:

- ▶ Capacity is 30 MW or less, with an exception for eligible efficiency improvements made after January 1, 2008, as discussed below.
- ▶ Located in-state or satisfies the out-of-state requirements.
- ▶ Under contract to, or owned by a retail seller or local publicly owned utility as of January 1, 2006.

Specify the retail seller or local publicly owned utility:

Eligible Efficiency Improvements: A small hydroelectric facility shall not lose its RPS eligibility if efficiency improvements undertaken after January 1, 2008, cause it to exceed 30 MW and "the efficiency improvements do not result in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow." [Public Utilities Code Section 399.12.5(a)] The entire generating capacity of the facility shall be RPS-eligible.

	<input type="checkbox"/> If facility commenced commercial operations or was repowered on or after January 1, 2006, applicant certifies that the facility meets all of the following requirements: <ul style="list-style-type: none"> ▶ Capacity is 30 MW or less, with an exception for eligible energy efficiency improvements made after January 1, 2008, as discussed above. ▶ Located in-state or satisfies the out-of-state requirements. ▶ The facility does not cause an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow.
5. RPS Eligibility for Conduit Hydroelectric Facilities	
Choose ONE and read #6	<input type="checkbox"/> If facility commenced commercial operations before January 1, 2006, applicant certifies that the facility meets all of the following requirements: <ul style="list-style-type: none"> ▶ Capacity is 30 MW or less, with an exception for eligible energy efficiency improvements made after January 1, 2008, as discussed below. ▶ Located in-state or satisfies the out-of-state requirements.
	<i>Eligible Efficiency Improvements: A conduit hydroelectric facility shall not lose its RPS eligibility if efficiency improvements undertaken after January 1, 2008, cause it to exceed 30 MW and do not result in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow. The entire generating capacity of the facility shall be RPS-eligible.</i>
	<input type="checkbox"/> If facility commenced commercial operations after January 1, 2006, applicant certifies that the facility meets all of the following requirements: <ul style="list-style-type: none"> ▶ Capacity is 30 MW or less in, with an exception for eligible energy efficiency improvements made after January 1, 2008, as discussed above. ▶ Located in-state or satisfies the out-of-state requirements. ▶ Does not result in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow
6. Permits and Licenses for Small Hydroelectric and Small Conduit Hydroelectric Facilities	
<i>Facility located within California</i>	<i>Facility located outside California</i>
<p>A new or repowered small hydroelectric facility, conduit hydroelectric facility or incremental generation from eligible efficiency improvements located within California, is not eligible for the RPS if it results in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow. A facility may have an adverse impact on the instream beneficial uses if it causes a change in the volume, rate, timing, temperature, turbidity, or dissolved oxygen content of the stream water.</p>	<p>A new or repowered small hydroelectric facility, conduit hydroelectric facility, or incremental generation from eligible efficiency improvements to a hydroelectric facility located outside California may be eligible for the RPS if it can demonstrate that it may operate without adversely impacting the instream beneficial uses or causing a change in the volume or timing of streamflow. A facility may have an adverse impact on the instream beneficial uses if it causes a change in the volume, rate, timing, temperature, turbidity, or dissolved oxygen content of the stream water.</p>
<p>Note: If a new or repowered small hydroelectric facility, conduit hydroelectric facility, or incremental generation from eligible efficiency improvements to a hydroelectric facility, can demonstrate that it can operate without adversely impacting the instream beneficial uses or causing a change in the volume or timing of streamflow, it may be eligible for the RPS.</p>	
7. RPS Eligibility for Incremental Hydroelectric Generation	
<p>For RPS pre-certification of incremental increase in generation that results from efficiency improvements to a hydroelectric facility, regardless of the electrical output of the facility, is eligible for the RPS if all of the following conditions are met:</p> <ul style="list-style-type: none"> ▶ The facility is owned by a retail seller or a local publicly owned electric utility. Specify Utility: _____ ▶ The facility was operational before January 1, 2007. ▶ The efficiency improvements are initiated on or after January 1, 2008, are not the result of routine maintenance activities and were not included in any resource plan sponsored by the facility owner before January 1, 2008. 	

- ▶ The facility has, within the immediately preceding 15 years from the date the efficiency improvements are initiated, received certification from the State Water Resources Control Board (SWRCB) pursuant to Section 401 of the Clean Water Act (33 U.S.C. Sec. 1341), or has received certification from a regional board to which the SWRCB has delegated authority to issue certification, unless the facility is exempt from certification because there is no potential discharge into waters of the United States.
 - ▶ The incremental increase is the result of efficiency improvements from a retrofit, and the efficiency improvements do not result in an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow.
 - ▶ All of the incremental increase in electricity generation resulting from the efficiency improvements must be demonstrated to result from a long-term financial commitment by the retail seller.
- ☐ Applicant certifies that that the incremental generation and facility comply with the above requirements as more fully described in the *Renewables Portfolio Standard Eligibility Guidebook*.

Applicant's signed attestation on Form CEC-RPS-1B applies to the information provided herein



CEC-RPS-1B:S3

Pre-Certification Supplement 3 - Out-of-State Facilities California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person Completing the Form if Different from Applicant:

Section II: Facility Information

Name of Facility:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

Section III: Supplemental Questions for Out-of-State Applications

1. Choose **One**

- ☐ For RPS eligibility, applicant certifies that the facility commenced, or will commence, commercial operations on or after January 1, 2005, and meets the RPS eligibility requirements as outlined in the *RPS Eligibility Guidebook*:
- ▶ Connected to the WECC transmission system.
 - ▶ Does not cause or contribute to any violation of a California environmental quality standard or requirement within California, and meets all conditions in Item # 5 below (or has provided the necessary supplemental information).
 - ▶ If located outside the United States, facility is developed and operated in a manner that is as protective of the environment as a similar facility located in California.
 - ▶ Participates in WREGIS.

- ☐ For RPS eligibility for facilities that meet the requirements above, with the exception that commercial operations commenced before January 1, 2005, applicant certifies that the facility meets at least **one** of the following requirements: (*check all that apply*)
- ☐ The electricity will be from incremental generation resulting from project expansion or repowering of the facility after January 1, 2005
 - ☐ The facility was part of the initial baseline procurement portfolio of a retail seller or of a local publicly owned utility.

2. To be eligible for RPS, an applicant for an out-of-state facility must agree to comply with the "Delivery Requirements" specified in the "Eligibility of Out-of-State Facilities" section of the *Renewables Portfolio Standard Eligibility Guidebook*.

☐ Applicant acknowledges and agrees to comply with the above requirements as more fully described in the *Renewables Portfolio Standard Eligibility Guidebook*.

3. Provide the straight line distance (in miles) from the facility to California:

4. Provide the shortest driving time (in hours) from the facility to California:

5. Select the environmental areas in which the facility meets or exceeds the minimum requirements; select all that apply:

Environmental Area	Threshold or Minimum Distance from California Border
Discrete Thresholds	
<input type="checkbox"/> Agricultural and Soil	2 miles
<input type="checkbox"/> Cultural Resources	Project viewshed/ 20 miles
<input type="checkbox"/> Geological Hazards	2 miles
<input type="checkbox"/> Land Use/ Recreation	Project viewshed/ 20 miles
<input type="checkbox"/> Noise	2 miles
<input type="checkbox"/> Paleontological Resources	Project viewshed/ 1 mile
<input type="checkbox"/> Socioeconomics	2 hour commute distance
<input type="checkbox"/> Visual Resources	Project viewshed/ 20 miles
Conditional Thresholds	
<input type="checkbox"/> Air Quality	10 miles, or greater if there is potential for transportation or other emissions to impact California air quality
<input type="checkbox"/> Biological Resources	10 miles, unless the project has the potential to impact a California migratory bird or animal population
<input type="checkbox"/> Public Health	10 miles , or greater if there is potential for project-related wildfire risk
<input type="checkbox"/> Traffic and Transportation	20 miles, or greater if the project could impact California air travel or traffic on California highways
<input type="checkbox"/> Transmission System Safety and Nuisance	2 miles, although if the transmission line interconnection extends into California, the facility would be considered in state and an environmental review pursuant to
<input type="checkbox"/> Waste Management / Hazardous Materials Handling	No distance limit if California disposal site is used or materials are transported through California.
<input type="checkbox"/> Water Resources	2 miles, or further distance if project has the potential to impact a drainage flowing into California

► Please attach a written explanation substantiating the claim that the project does not violate California LORS as required in the RPS Eligibility Guidebook

► Please included any documentation that is necessary to substantiate the applicant's assessment as required in the RPS Eligibility Guidebook

Attach the documentation specified in the section entitled "Instructions for Additional Required Information for Out-of-State Facilities" in the *Renewables Portfolio Standard Eligibility Guidebook*.

Applicant's signed attestation on Form CEC-RPS-1B applies to the information provided herein.



CEC-RPS-1B:S4

Pre-Certification Supplement 4 - Distributed Generation California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person Completing the Form if Different from Applicant:

Section II: Facility Information

Name of Facility:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

Section III: Distributed Generation Information

1. Will the facility be owned and operated by a utility, but located at the load site for the purpose of selling electricity to serve the onsite load?

☐ Yes (If yes, skip to item #4) ☐ No

2. Is the entire electrical output generated at the facility sold or planned to be sold to a retail seller or a local publicly owned electric utility under a power purchase agreement?

☐ Yes ☐ No

3. Will the excess generation, or generation net of the facility's on-site demand, be sold under a power purchase agreement with a retail seller or local publicly owned electric utility?

☐ Yes ☐ No (If answers to both #2 and #3 are No, the facility is not RPS-eligible at this time)

► If Yes, attach a description of how the metering scenario (will) accurately measure(s) the facility's excess generation

4. Have benefits been received, are being received, or are planned to be received for the facility from the following ratepayer funded programs: (Check all that apply)

Energy Commission:

- ☐ Emerging Renewables Program
☐ New Solar Homes Partnership
☐ Pilot Performance-Based Initiative Program
☐ Existing Renewables Program under SB 90

CPUC:

- ☐ California Solar Initiative
☐ Self Generation Incentive Program
☐ Other. *Please specify:*
☐ None

5. Will the facility participate in a net metering program or will it benefit or has it benefited from net metering tariffs?

☐ Yes ☐ No (If No, CEC-RPS-1B:S4 is complete)

6. Is a plan in place to exit the net metering program or net metering tariffs if a power purchase agreement is secured as described in questions #2 or #3?

☐ Yes ☐ No (If No, facility is not RPS eligible at this time)

► If net metering program or tariffs were already exited or are planned to be exited, specify date: _____

Applicant's signed attestation on Form CEC-RPS-1B applies to the information provided herein.



CEC-RPS-1B:S5

Pre-Certification Supplement 5 - Attestations

California Renewables Portfolio Standard Program

–All information on this form and on any attachments is subject to public disclosure–

–This form must be completed for every fuel supplier and each entity delivering that fuel if applicable–

Section I: Applicant Information

Name of Applicant:

Company Name:

Person Completing the Form if Different from Applicant:

Section II: Facility Information

Name of Facility:

Facility Owner:

Location (street address, legal description, or GPS coordinates):

City:

County:

State:

Zip:

Country:

1. Operator of the Electric Generating Facility Applying for RPS Certification

Facility Operator:

Authorized Officer/Agent:

Title:

2. Fuel/Electricity Producer

Fuel/Electricity Production Facility Name:

Fuel/Electricity Production Facility Location:

If Electricity, RPS ID:

Facility Owner/Operator:

Authorized Officer/Agent:

Title:

3. The Pipeline Biomethane Delivering Entity

Pipeline Biomethane Delivering Entity:

Authorized Officer/Agent:

Title:

Section III: Supplemental Attestations

–All attestations must be submitted with an original signature and initials–

1. Facility Operator Attestation

Name of Facility Applying for RPS Certification:

Name of Fuel Production Facility:

Location of Fuel Production Facility:

Fuel Production Facility Owner:

Pipeline Biomethane Delivering Entity:

Authorized Officer/Agent of the Fuel Delivery Entity:

I am an authorized officer or agent of the above-noted facility (the facility applying for the RPS pre-certification) owner, and hereby attest on behalf of the above-noted facility owner of the intention to procure:

Choose all that apply, please initial next to each selection	<input type="checkbox"/>	Biodiesel
	<input type="checkbox"/>	Biogas not delivered via the natural gas pipeline system
	<input type="checkbox"/>	Pipeline Biomethane
	▶ <i>Applicant must attach a completed fuel delivery attestation</i>	
	<input type="checkbox"/>	Biomass
	<input type="checkbox"/>	Hydrogen
	<input type="checkbox"/>	Offsite Electricity from a RPS Certified Facility

from the above fuel producer, that meets the RPS eligibility criteria for the generation of electricity from that fuel and contains all the "green attributes" of that fuel as defined in the *Overall Program Guidebook* for the *Renewable Energy Program*. I have read the above information as well as the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program* and understand the provisions, eligibility criteria, and requirements of these guidebooks and my responsibilities. I acknowledge that the receipt of any pre-certification approval from the Energy Commission for the above facility applying for RPS pre-certification is conditioned on the facility owner's acceptance and satisfaction of all program requirements as set forth in the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program*. I declare under penalty of perjury that the information provided is true and correct to the best of my knowledge and that I am authorized to submit this application on the facility owner's behalf.

Authorized Officer/Agent:

Officer Title:

Signature: _____

Date Signed: _____

End of the facility operator attestation

Section III: Supplemental Attestations (continued)

–All attestations must be submitted with an original signature and initials–

2. Fuel Production Facility Owner Attestation

Name of Facility Applying for RPS Certification:

Fuel Production Facility Name:

Fuel Production Facility Location:

Fuel Production Facility Owner:

Pipeline Biomethane Delivering Entity:

Authorized Officer/Agent of the Fuel Delivery Entity:

I am an authorized officer or agent of the above-noted fuel production facility owner, and hereby attest on behalf of the above-noted fuel production facility owner that the renewable fuel consists solely of:

Choose all that apply, please initial next to each selection	<input type="checkbox"/>	Biodiesel
	<input type="checkbox"/>	Biogas not delivered via the natural gas pipeline system
	<input type="checkbox"/>	Pipeline Biomethane
	▶ <i>Applicant must attach a completed fuel delivery attestation</i>	
	<input type="checkbox"/>	Biomass
	<input type="checkbox"/>	Hydrogen
	<input type="checkbox"/>	Offsite Electricity from a RPS Certified Facility

as that term is defined in the California Energy Commission's *Overall Program Guidebook* for the *Renewable Energy Program* and constitutes an RPS eligible renewable fuel pursuant to the *Renewables Portfolio Standard Eligibility Guidebook*. The produced fuel will be sold as a complete product to the facility applying for RPS certification, including its associated "green attributes" as defined in the *Overall Program Guidebook* for the *Renewable Energy Program*. I have read the above information as well as the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program* and understand the provisions, eligibility criteria, and requirements of these guidebooks and my responsibilities. I acknowledge that the receipt of any pre-certification approval from the Energy Commission for the above facility applying for RPS pre-certification is conditioned on the fuel production facility owner's acceptance and satisfaction of all applicable program requirements as set forth in the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program*. I declare under penalty of perjury that the information provided is true and correct to the best of my knowledge and that I am authorized to submit this application on the facility owner's behalf.

Authorized Officer/Agent:

Officer Title:

Signature: _____

Date Signed: _____

End of the fuel production facility owner attestation

Section III: Supplemental Attestations (continued)

–All attestations must be submitted with an original signature and initials–

3. The Pipeline Biomethane Delivery Attestation

Name of Facility Applying for RPS Certification:

Fuel Production Facility Name:

Fuel Production Facility Location:

Facility Owner/Operator:

Pipeline Biomethane Delivering Entity:

Authorized Officer/Agent of the Fuel Delivery Entity:

Receipt Point:

Entity Delivering the Gas to the Receipt Point:

Delivery Point:

Receiving Entity at the Delivery Point:

I am an authorized officer or agent of the above-noted pipeline biomethane delivering entity, and hereby attest on behalf of the above-noted entity that renewable pipeline biomethane, as defined in the California Energy Commission's *Overall Program Guidebook* for the *Renewable Energy Program*, from the named fuel production facility, will be delivered for the term of the delivery contract, from the named entity at the above receipt point to the named receiving entity at the above delivery point, in an eligible manner as described by the *Renewables Portfolio Standard Eligibility Guidebook*. I have read the above information as well as the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program* and understand the provisions, eligibility criteria, and requirements of these guidebooks and my responsibilities. I acknowledge that receipt of any pre-certification approval from the Energy Commission for the above facility applying for RPS pre-certification is conditioned on the owner of the delivering entity's acceptance and satisfaction of all applicable program requirements as set forth in the *Renewables Portfolio Standard Eligibility Guidebook* and the *Overall Program Guidebook* for the *Renewable Energy Program*. I declare under penalty of perjury that the information provided is true and correct to the best of my knowledge and that I am authorized to submit this application on the facility owner's behalf.

Authorized Officer/Agent:

Officer Title:

Signature: _____

Date Signed: _____

End of the pipeline biomethane delivery attestation

TO BE COMPLETED BY RETAIL SELLERS
REPORT TO THE ENERGY COMMISSION
WREGIS STATE/PROVINCIAL/VOLUNTARY COMPLIANCE REPORT
ATTESTATION FORM

I, (print name and title) _____, declare under penalty of perjury that the statements contained in all WREGIS State/Provincial/Voluntary Compliance report attachments and supporting energy delivery documentation, and or other related attachments are true and correct and that I, as an authorized agent of (print name of company) _____, have authority to submit this report on the company's behalf.

I further declare that the amounts claimed in the WREGIS report attachments, are to the best of my knowledge, sold once and only once to retail consumers. The renewable electricity and associated renewable energy credits used for RPS compliance have not otherwise been, nor will be, sold, retired, claimed, or represented as part of electrical energy output or sales, or used to satisfy obligations or claims in any other jurisdiction or renewable energy program (including voluntary programs), or for reasons other than to comply with California's Renewables Portfolio Standard.

To count procurement from out-of-state facilities for purposes of RPS compliance, the facility must enter a power purchase agreement with the retail seller or procurement entity and electricity must be delivered to an in-state market hub (also referred to as "zone") or in-state point of delivery (also referred to as "node") located within California. The requirements of the foregoing sentence do not apply to retail sellers subject to Public Utilities Code Section 399.17.

CONTACT INFORMATION

NAME:

TITLE:

COMPANY NAME:

ADDRESS:

CITY, STATE, ZIP:

PHONE:

EMAIL: